Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
65	Supplying & Fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC ,as directed by the engineer incharge of the work.	nos	2.00	451.29	four hundred and fifty one rupees and twenty nine paisa only
66	Wiring for lighting/ power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of Group A. 4 Sqmm. as directed by the engineer incharge of the work.	meter	70.00	44.18	forty four rupees and eighteen paisa only
67	Fixing a shunt capacitor upto 5 KVAR capacity with necessary clamps, bolts and nuts on existing wooden or metal board including banking of more than one capacitor. As directed by the engineer incharge of the work.	meter	6.00	125.94	one hundred and twenty five rupees and ninety four paisa only
68	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 Phase/ single door with powder coated painting. Made out of 14 SWG M.S enclosure. 12 Way SP & N As directed by the engineer incharge of the work.	nos	2.00	1098.83	one thousand ninety eight rupees and eighty three paisa only
69	Supplying and fixing wiring, earth electrode for grounding conduits IC Cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI Pipe 2.5 Mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charocoal 150mm alround the pipe to complete depth. The connections from the pipe to the conduit etc, is to be established though GI Wire of size as per ISI Specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia.As directed by the engineer incharge of the work.	nos	2.00	2861.99	two thousand eight hundred and sixty one rupees and ninety nine paisa only
70	Supplying Fully automatic Star delta starter unit push button type with suitable wires 3 Contractors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400 /440 volts phase and wired after fixing to the existing wooden board for motor Group A ,II above 15 HP up to 25 HP ,as directed by the engineer incharge of the work	nos	2.00	6908.86	six thousand nine hundred and eight rupees and eighty six paisa only
71	Supplying and fixing Class-A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 65mm,as directed by the engineer incharge of the work	meter	12.00	613.96	six hundred and thirteen rupees and ninety six paisa only
72	Supplying laying of 1.1 KV class L.T.U.G Cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2C x 10 Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with speicified IS-1554, Part-1:1988 & confirming to the attached GTP of Group A 3.5 core to 25Sqmm, as directed by the engineer incharge of the work	meter	30.00	173.80	one hundred and seventy three rupees and eighty paisa only
73	Labour charges for Laying of 1.1 KV Class UG cable 6 Sqmm to 16 sqmm ,as directed by the engneer incharge of the work	meter	30.00	11.33	eleven rupees and thirty three paisa only
74	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete. complete as per specifications andas directed by the engineer incharge of the work	meter	30.00	111.25	one hundred and eleven rupees and twenty five paisa only
75	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled wiith necessary bitumen / insulating compound complete. With terminals, clamps, bolts nuts and washers etc.complete for 16 Sqmm as per specification,as directed by the engineer incharge of the work	nos	2.00	293.86	two hundred and ninety three rupees and eighty six paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
76	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden block & wiring complete 32 amps,,as directed by the engineer incharge of the work	nos	6.00	188.91	one hundred and eighty eight rupees and ninety one paisa only
77	Earthwork excavation for pipeline trenches including depositing on bank up to a lead of 50 meters including shoring and strutting , danger lighting and using sight rails and oning rods at every 100 mtrs whereever necessary as directed in the following strata manual means in hard soil,.As directed by the engineer incharge of the work.	cum	216.00	204.69	two hundred and four rupees and sixty nine paisa only
78	Providing and installing at site of work 63mm (0.662) pvc pipes of 6kg /cum 2 including cost of pipes and special labour including lowering into trenches laying true to line level and perfect linking at joints , leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth of not less than 15cms with gravel or selected earth available from the excation etc...As directed by the engineer incharge of the work.	Mtr	400.00	94.56	ninety four rupees and fifty six paisa only
79	Giving hydraulic test upto 80mm CI/RCC/PVC/HDPE or AC pipeline ,.As directed by the engineer incharge of the work.	No	400.00	2.36	two rupees and thirty six paisa only
80	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering,consolidation in layers of 15cm thick including disposing of the surplus earth with lead of 200 metres,.As directed by the engineer incharge of the work..	Mtr	216.00	76.64	seventy six rupees and sixty four paisa only
81	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or blue and inner white layer of approved quality and make, confirming to ISO/SSI specifications. .As directed by the engineer incharge of the work.	Litre	5000.00	6.67	six rupees and sixty seven paisa only
82	Providing and constructing burnt brick masonary with hoey comb work with approved quality of non modular bricks of standard size of class designation 5.00 Newton per sqmm(table moulded) with cement mortar for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications..As directed by the engineer incharge of the work.	Cum	17.44	7266.65	seven thousand two hundred and sixty six rupees and sixty five paisa only
83	Providing 12mm thick cement mortar plaster in single coat with cement plaster in single coat with cement mortar 1:3 to brick masonary including rounding off corners whereever required smooth rendering, providing and removing scaffolding,including cost of materials, labour, curing complete as per specifications..As directed by the engineer incharge of the work.	Sqm	41.12	201.36	two hundred and one rupees and thirty six paisa only
84	supplying and fixing of only manhole covers heavy duty to suit the existing manhole rings with all lead and lift charges.As directed by the engineer incharge of the work.	Nos	4.00	703.08	seven hundred and three rupees and eight paisa only
85	Providing and filling in foundation with granite/trap/broken metal 100mm and down size , with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specification. (work will be extracted seperately for broken metal and sand ie, layer by layer to act as a filter media)As directed by the engineer incharge of the work.	Cum	22.34	2351.76	two thousand three hundred and fifty one rupees and seventy six paisa only
86	providing and filling sand in foundation upto plinth to required depth for subsoil treatment including watering, ramming with all lead and lift , Filling the recharge well by good river sand over coarse aggregate to act as a filter media.complete as per specifications. Filling the recharge well by good river sand over coarse aggregate to act as a filter media..As directed by the engineer incharge of the work.	Cum	11.17	2375.12	two thousand three hundred and seventy fiver rupees and twelve paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
87	Providing and fixing FRP security cabin in the location as mentioned by the architect of size 5x5x7m height ,.As directed by the engineer incharge of the work.	No	1.00	66874.14	sixty six thousand eight hundred and seventy four rupees and fourteen paisa only
B)	**HORTICULTURE WORKS:**				
88	Removal of dried leaves solid waste and cleaning of the area,as directed by the engineer inchrge of the area	Sqm	4892.00	4.74	four rupees and seventy four paisa only
89	Digging pits of size 0.75mX0.75mx0.75m for planting of trees filling up to 50% of the pits with top excavated soil & remaining 50% with the mixture of sand (0.007 cum, Fym(0.014 cum), Red earth (0.021 Cum) (i.e, in the preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients.	Each	50.00	257.46	two hundred and fifty seven rupees and forty six paisa only
90	supply and planting trees 5' Height as directed by the engineer incharge of the work	Each	50.00	209.90	two hundred and nine rupees and ninety paisa only
91	Supplying & stocking good quality red earth for filling top layer to a depth of 0.15 m (4892x0.24)=1174cum as directed by the engineer inchrge of the area	Cum	1148.00	460.47	four hundred and sixty rupees and forty seven paisa only
92	Formation of Soil by manual means in gravelly soil including breaking of clods spreading to required line and level forming cost of all materials labour etc,. complete as per specifications (Excluding watering and compaction of earth) with all lead and lift gravelly soil.	Cum	1148.00	132.38	one hundred and thirty two rupees and thirty eight paisa only
93	Digging pits of size 0.45X0.45x0.45 for planting shrubs in isolated filling up to 50% of the pits with top excavated soil & remaining 50% with the mixture of sand (0.007 cum, Fym(0.014 cum), Red earth (0.021 Cum) (i.e, in the preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients.as directed by the engineer inchrge of the area	Each	1000.00	59.18	fifty nine rupees and eighteen paisa only
94	supply and planting trees as directed by the engineer incharge of the work	Each	1000.00	78.71	seventy eight rupees and seventy one paisa only
95	Developing the area for shrubs by digging to a depth of 0.45m, filling 50% with sand (0,0375 cum) FYM (0.075 cum), Red earth (0.21), (i.e in the proportion of 1:2:3) and planting with well established plants exclusive of cost of plants and inclusive of ingredients.	Sqm	2100.00	267.78	two hundred and sixty seven rupees and seventy eight paisa only
96	supply and planting trees as directed by the engineer incharge of the work (5 Plants per sq.m)	Sqm	1500.00	314.85	three hundred and fourteen rupees and eighty five paisa only
97	Developing the area for ground cover plants by digging to a depth of 0.45m, filling 50% of the area with excavated top soil & remaining 50% with sand (0.0375 cum), Fym (0.075 cum), Red Earth (0.112 cum). (i.e, in the Preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients (5 plants per sqm)as directed by the engineer inchrge of the area	Sqm	300.00	267.78	two hundred and sixty seven rupees and seventy eight paisa only
98	Developing hedges by digging trenches of size 0.45mX0.45m, filling 50% of the trench with excavated top soil & remaining 50% with the mixture of sand (0.0112cum), Fym (0.0224 cum) i.e, in the proportion of 1:2:3) Exclusive of cost of plants & inclusive ingredients.	Rmt	2000.00	87.54	eighty seven rupees and fifty four paisa only
99	supply and planting trees as directed by the engineer incharge of the work (5 Plants per sq.m)	Rmt	2000.00	78.71	seventy eight rupees and seventy one paisa only
100	Providing & forming mound using red earth by filling, spreading and leveling to the required grade as per design	Cum	350.00	380.97	three hundred and eighty rupees and ninty seven paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
101	Cleaning the site by scrapping and removing top layer of soil, removing unwanted debris, grass, along with excavated earth to a distance of 500m from the spot, including pathway area Total: area: Sqm x 0.15m=1800	Sqm	2300.00	36.23	thirty six rupees and twenty three paisa only
102	Earth work digging including removing weeds, debris if any and breaking of clumps watering etc. area Sqm x 0.45as directed by the engineer inchrge of the area	Sqm	2300.00	50.98	fifty rupees and ninety eight paisa only
103	Digging for second time & removing weeds, if any minor leveling to a depth of 0.45mas directed by the engineer inchrge of the area	Sqm	2300.00	25.49	twenty five rupees and forty nine paisa only
104	Supply and stacking good quality red earth etc,. for filling the top layer to depth of 0.15m (1x1x0.15) (2300*0.15=345)as directed by the engineer inchrge of the area	Cum	345.00	460.47	four hundred and sixty rupees and forty seven paisa only
105	Providing Sand FYM and Red earth in the ratio of 1:3:6 and Spreading to a depth of 7.5cm at the required site.Red earth (0.045cum/sqm) Rs 12.60as directed by the engineer inchrge of the area	Sqm	2300.00	159.19	one hundred and fifty nine rupees and nineteen paisa only
106	Providing chemical fertilizers like Super Phospates (50 gm/Sq.m:Rs. 0.22/ Sq.m), Neeem oil cake (250gm/Sq.m:Rs. 1.10/Sq.m), Bone meal (250 gm/Sq.m: Rs.2.75/Sq.m), Potash (50 gm/Sq.m:Rs.0.23/ Sq.m), Furodon (25gm/Sq.m: Rs.0.75/ Sq.m), Ammonium Sulphate (100 gm/Sq.m:Rs.0.60/Sq.m) as directed by the engineer incharge of the work. unit is Gm/sqm	gm	2300.00	5.90	five rupees and ninety paisa only
107	supply and fixing of Bermuda grass,as directed by the engineer incharge of the work	Sqm	2300.00	10.74	ten rupees and seventy four paisa only
108	Labour cost towards dibbling/laying of lawn inclusive of mixing of ingredients application of manure and spreading (5x5cum)as directed by the engineer inchrge of the area	Sqm	2300.00	42.75	forty two rupees and seventy five paisa only
109	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areaa)Caryota Urens (240cm-300cm ht)	Each	70.00	2623.75	two thousand six hundred and twenty three rupees and seventy five paisa only
110	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areab)Ficus Benjimina Starlight (90cm-150cm ht)	Each	70.00	2623.75	two thousand six hundred and twenty three rupees and seventy five paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
111	c)Ficus Benjimina Black (90cm-150cm ht)Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the area	Each	70.00	2623.75	two thousand six hundred and twenty three rupees and seventy five paisa only
112	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the aread)Ficus Ponda (90cm-150cm ht)	Each	70.00	2623.75	two thousand six hundred and twenty three rupees and seventy five paisa only
113	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areae)Pulmeria Alba (150cm-240cm ht)	Each	71.00	1574.25	one thousand five hundred and seventy four rupees and twenty five paisa only
114	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areaf)Cycas Revoluta a) 90cm Dia, 100 cm ht	Each	20.00	4722.75	four thousand seven hundred and twenty two rupees and seventy five paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
115	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areag)Raphis Excelsa (60cm - 90cn ht)	Each	73.00	1049.50	one thousand forty nine rupees and fifty paisa only
116	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areah)Roystonia Regia (180cm-240cm ht)	Each	70.00	2099.00	two thousand ninety nine rupees only
117	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areai)Dypsis Medagascariensis (120cm-180cm ht)	Each	70.00	472.28	four hundred and seventy two rupees and twenty eight paisa only
118	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areaj)Yucca species silver/Filimentosa marginata(Golden)(90cm-150cm ht)	Each	82.00	1574.25	one thousand five hundred and seventy four rupees and twenty five paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
119	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areak)Plumeria rubra(150cm - 240cm ht)	Each	50.00	1574.25	one thousand five hundred and seventy four rupees and twenty five paisa only
120	Supplying and planting of specimen plants includes:Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.Digging pits of size 0.75mx0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand(0.035 cum), Fym (0.070cum), Red Earth(0.105cum). (i.e, in the proportion of 1:2:3).And planting with well established plants.Exclusive of cost of plants & inclusive of ingredients.as directed by the engineer inchrge of the areal)Nalina(elephant foot) (90cm-150cm ht)	Each	50.00	2623.75	two thousand six hundred and twenty three rupees and seventy five paisa only
121	Providing and fixing of sprinkler system with in the site by using 25mm/10kg, 40mm/6kg, 50mm/6kg good quality PVC pipes, ISI marked sprinklers, control valves and fittings etc,. Including excavation and back filling trenches, (Excluding of Providing Borewell, Electrification & Pump) As per the specification and direction of the concerned officer. Rates may be quoted as per data rate specific to the filed condition.as directed by the engineer inchrge of the area	Each	80.00	2099.00	two thousand ninety nine rupees only
122	Fabricating, supplying and erection of …Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for …….Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom …..mm, top….mm with 3mm thick, suitable base plate and 4Nos of ..... long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended.4 meters - Top 75mm and bottom 115 mm dia,As directed by the engineer incharge of the work.	Nos	60.00	7594.18	seven thousand five hundred and ninety four rupees and eighteen paisa only
C)	**ELECTRICAL WORKS:**				
123	Fabricating, supplying and erection of …Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for …….Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom …..mm, top….mm with 3mm thick, suitable base plate and 4Nos of ..... long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended5)7 meters - Top 75mm and bottom 145 mm dia,As directed by the engineer incharge of the work.	Nos	5.00	14734.98	fourteen thousand seven hundred and thirty four rupees and ninety eight paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
24	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm,As directed by the engineer incharge of the work.	Mtrs	1450.00	147.35	one hundred and forty seven rupees and thirty five paisa only
125	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A5)3.5 core 25 sqmm,As directed by the engineer incharge of the work.	Mtrs	100.00	173.69	one hundred and seventy three rupees and sixty nine paisa only
126	Labour charges for lying of 1.1 KV class UG cable when supplied agency in existing trench Gl pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct.b)25sqmm to 75 sqmm,As directed by the engineer incharge of the work.	Mtrs	1450.00	11.02	eleven rupees and two paisa only
127	Labour charges for lying of 1.1 KV class UG cable when supplied agency in existing trench Gl pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct.b)25sqmm to 75 sqmm,As directed by the engineer incharge of the work.	Mtrs	100.00	17.00	seventeen rupees only
128	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete,As directed by the engineer incharge of the work.	Mtrs	1000.00	81.86	eighty one rupees and eighty six paisa only
129	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.,As directed by the engineer incharge of the work.	Nos	1.00	4244.18	four thousand two hundred and forty four rupees and eighteen paisa only
130	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps,As directed by the engineer incharge of the work.	Each	6.00	245.58	two hundred and forty five rupees and fifty eight paisa only
131	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.f)40-63Amps TPN,As directed by the engineer incharge of the work.	Each	3.00	2031.83	two thousand thirty one rupees and eighty three paisa only
132	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG,As directed by the engineer incharge of the work.	Sqcm	70000.00	0.35	thirty five paisa only
133	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 100-125 Amps,As directed by the engineer incharge of the work.	Nos	3.00	10405.79	ten thousand four hundred and five rupees and seventy nine paisa only
134	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.g)16 sqmm1.5 sqmm,As directed by the engineer incharge of the work.	Mtrs	600.00	16.69	sixteen rupees and sixty nine paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
135	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materialsg)16 sqmm,As directed by the engineer incharge of the work.	Mtr.	10.00	138.53	one hundred and thirty eight rupees and fifty three paisa only
136	Supplying and fixing phylum brand hand plastic sheet 3mm thick with necessary niches for fixing switches, regulators etc., and fixing on exisiting wood or metal box using N.F.screws	Sqcm	20000.00	0.23	twenty three paisa only
137	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm,As directed by the engineer incharge of the work.	Mtrs	30.00	276.02	two hundred and seventy six rupees and two paisa only
138	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and waqshers etc.. Group A,As directed by the engineer incharge of the work.	Nos	2.00	4407.90	four thousand four hundred and seven rupees and ninety paisa only
139	Supply of LED Post Top Lantern with system ... wattage, housing & frame shall be of powder coated, die cast aluminum, diffuser with high density polyethylene IP65 EPDM Gasket. Life 50000 Hrs. @ L70 shall be conforming to IS 10322/Part 5/ Section 5 @ 230V. 5 years Warranty against any manufacturing defect working under standard electrical condition 2)LED Post Top Lantern with 24 watts,As directed by the engineer incharge of the work.	Nos	60.00	16718.54	sixteen thousand seven hundred and eighteen rupees and fifty four paisa only
140	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition.As directed by the engineer incharge of the work.	No	3.00	5189.78	five thousand one hundred and eighty nine rupees and seventy eight paisa only
141	Fixing charges of post top/ Gate/ Garden fitting /LED on the existing CI / GI or any other pipe using required size of reducer, wiring using suitable wires.As directed by the engineer incharge of the work.	Each	70.00	152.18	one hundred and fifty two rupees and eighteen paisa only
142	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 thick Gl pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. the connection form the pipe to the conduit etc, is to be established through Gl wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122mm dia.As directed by the engineer incharge of the work.	Each	1.00	2861.99	two thousand eight hundred and sixty one rupees and ninety nine paisa only
143	Supplying and running of Gl/Copper strips for grounding connections, using necdessary fixing materials as required. Gl strip 1). 25x3mm,As directed by the engineer incharge of the work.	Mtr	10.00	80.81	eighty rupees and eighty one paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
144	Supplying of LED Floodlight with .....W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given	No	10.00	15370.98	fifteen thousand three hundred and seventy rupees and ninety eight paisa only
145	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. 2) 50 mmAs directed by the engineer incharge of the work.	Mtrs	6.00	410.35	four hundred and ten rupees and thirty five paisa only
146	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. 3) 25 SqmmAs directed by the engineer incharge of the work.As directed by the engineer incharge of the work.	Nos	2.00	379.92	three hundred and seventy nine rupees and ninety two paisa only
147	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C.50 Hz 12/24v D.C.As directed by the engineer incharge of the work.	Nos	3.00	463.88	four hundred and sixty three rupees and eighty eight paisa only
148	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6) 16 sqmm.As directed by the engineer incharge of the work.	Nos	400.00	11.87	eleven rupees and eighty seven paisa only
149	open conduit system Supplying heavy gauge PVC conduit pipe.... dia confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 2) 25mm dia 2mm thick ,As directed by the engineer incharge of the work.	Mtr	750.00	73.47	seventy three rupees and forty seven paisa only
150	Providing Rcc Pole pedstal of Size 0.5x0.5x1.6 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc As directed by the engineer incharge of the work.	Nos	60.00	1133.46	one thousand one hundred and thirty three rupees and forty six paisa only
151	Providing Rcc Pole pedstal of Size 0.5x0.5x1.6 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1;4;8base concrete,1;2;4pedestal concrete and etc coplete as per the data sheet enclosed As directed by the engineer incharge of the work.	Nos	5.00	4406.85	four thousand four hundred and six rupees and eighty five paisa only
152	Supplying of Hikvision 8 Chanl DVR DS7508N1NVR,As directed by the engineer incharge of the work.	Nos	1.00	17714.51	seventeen thousand seven hundred and fourteen rupees and fifty one paisa only
153	Supplying of 1.3 MegaPixel Hikvision CCTV CamaraDS2CD20F-1As directed by the engineer incharge of the work.	Nos	4.00	14063.30	fourteen thousand sixty three rupees and thirty paisa only
154	Supplying Hikvision PTZ Camara DS 2DE7174-A With Pole Mount and Power Supplay,As directed by the engineer incharge of the work.	Nos	1.00	68217.50	sixty eight thousand two hundred and seventeen rupees and fifty paisa only

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Item Code	Description	Unit	Approved Quantity	Approved Rate in Figures (in Rs.)	Rate in Words (in Rupees)
155	Supplying of 2TB Hard disk seagate,As directed by the engineer incharge of the work.	Nos	2.00	11072.23	eleven thousand seventy two rupees and twenty three paisa only
156	Supplying of 4x4 Pole Switch TP link,As directed by the engineer incharge of the work.	Nos	1.00	7529.11	seven thousand five hundred and twenty nine rupees and eleven paisa only
157	Supplying of 4 Pin Spike pin Cona/Reputed,As directed by the engineer incharge of the work.	Nos	5.00	1201.68	one thousand two hundred and one rupees and sixty eight paisa only
158	Supplaying of Out door SupportableCAD5/ CAD6 Cable	Mtrs	800.00	73.47	seventy three rupees and forty seven paisa only
159	Laying of Out door Supportable CAD5/ CAD6 Cable,As directed by the engineer incharge of the work.	Mtrs	800.00	11.02	eleven rupees and two paisa only
160	Supplying of 32" LED TV Make Samsung/ LG	Nos	1.00	36732.50	thirty six thousand seven hundred and thirty two rupees and fifty paisa only
161	Instllation Charges For Camera ,DVR ,Spike Pin, IP Configration & etc Complet Soas to work Coplet CCTV System.As directed by the engineer incharge of the work.	Set	1.00	27811.75	twenty seven thousand eight hundred and eleven rupees and seventy five paisa only

Contractor

Deputy Conservator of Forests
Lakes, BBMP

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